

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Samuel H. Duncan et al. )  
Serial No.: Not Yet Assigned ) Examiner: Not yet assigned  
Filed: August 31, 2001 )  
For: PASSIVE RELEASE AVOIDANCE ) Art Unit: Not yet assigned  
TECHNIQUE )  
)  
)  
)  
)

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 31, 2001

**EXPRESS-MAIL DEPOSIT**

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The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Patent Application ( 19 pages including 18 claims )  
X Oath or Declaration X Fee Transmittal Letter  
X Utility Patent Application Transmittal Letter X Assignment With Recordation Form  
X Informal Drawing ( 7 sheets ) Cover Sheet  
X Check No. 2986 for \$40 X Check No. 2985 for \$710

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09-04-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No. 15311-2292

First Inventor Samuel H. Duncan et al.

Title

PASSIVE RELEASE AVOIDANCE TECHNIQUE

Express Mail Label No. EL705605921US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 2]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_ /

Prior application information: Examiner \_\_\_\_

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

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or ☐ Correspondence address below

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Registration No. (Attorney/Agent)

38,280

Signature

Michael R. Reinemann

Date

August 31, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for  
Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	August 31, 2001
First Named Inventor	Samuel H. Duncan et al.
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No.	15311-2292

TOTAL AMOUNT OF PAYMENT (\$) 750

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money ☐ Other Order

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355			Utility filing fee	710
106	320	206	160			Design filing fee	
107	490	207	245			Plant filing fee	
108	710	208	355			Reissue filing fee	
114	150	214	75			Provisional filing fee	
SUBTOTAL (1) (\$)							710

#### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
18	2		0	18	0
			0	80	0
					0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$) 0

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65			Fee Surcharge - late filing fee or oath	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	900	139	900			Non-English Specification	
147	2,520	147	2,520			For filing a request for reexamination	
112	920	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	390	216	195			Extension for reply within second month	
117	890	217	445			Extension for reply within third month	
118	1,390	218	695			Extension for reply within fourth month	
128	1,890	128	945			Extension for reply within fifth month	
119	310	219	155			Notice of Appeal	
120	310	220	155			Filing a brief in support of an appeal	
121	270	221	135			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,240	241	620			Petition to revive - unintentional	
142	1,240	242	620			Utility Issue fee (or reissue)	
143	440	243	220			Design Issue fee	
144	600	244	300			Plant Issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Petitions related to provisional applications	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	40
146	710	246	355			Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355			For each additional invention to be examined (37 CFR 1.129(b))	
Other (specify)							
Other fee (specify)							
SUBTOTAL (3) (\$)							40

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or Printed Name

Michael R. Reinemann

Signature

*Michael R. Reinemann*

Date

August 31, 2001

### Complete (if applicable)

Reg. Number

38,280

Deposit Account User ID